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The format of *Cumulated Abridged Index Medicus* (*C-AIM*) is identical to that of the monthly *Abridged Index Medicus* (*AIM*) with one exception: modifying subheadings are included in *C-AIM* under most subject descriptors. Subheadings used, and their definitions, are listed in the introduction in *Medical Subjects Headings* (*MeSH*), which appears annually as Part 2 of January *Index Medicus.*

The introduction to *AIM* contains information intended to aid its user. It is reproduced below, for it applies equally to *C-AIM*.

INTRODUCTION TO ABRIDGED INDEX MEDICUS

The *Abridged Index Medicus* (*AIM*) is designed to afford rapid access to selected biomedical journal literature of immediate interest to the practicing physician.

Each issue contains citations from 117 English-language journals, representing a subset of one month's input into the National Library of Medicine's computer-based MEDLARS (Medical Literature Analysis and Retrieval System). The selection of the journals was made by the Library with guidance from a group of consultants consisting of physicians, medical editors, and medical librarians. Consideration was given to the quality of the journals, usefulness of journal content for the medical practitioner, and the need for providing coverage of all fields of clinical medicine. In some fields, where there are more high-quality journals than could be included in the bibliography, consideration was given to the availability of the journals to the American practitioner. In limiting the size of *Abridged Index Medicus* it was necessary to omit many excellent publications. The list of journals indexed will be reviewed periodically and is subject to change. On those occasions when a physician's interests require a scanning of the literature that is not contained in the *Abridged Index Medicus*, he may turn to the full *Index Medicus* and to the numerous other bibliographic sources.

Journal issues do not arrive at the National Library of Medicine with perfect regularity, nor is it possible to maintain a precise schedule for indexing. Therefore, a given month's *Abridged Index Medicus* may contain citations to articles from more than one issue of a monthly journal, or a journal may not be covered in a given issue of *AIM*.

USING ABRIDGED INDEX MEDICUS

Subject Headings

Input to MEDLARS begins with the indexing of journal articles. The content of each article is analyzed and described by a group of terms (subject headings) selected from *Medical Subject Headings* (*MeSH*), the National Library of Medicine's authority list of technical terms. The bibliographic citations in *Abridged Index Medicus* appear under those subject headings. An acquaintance with *MeSH* will help the user of *AIM* determine which specific headings to consult.

When articles are indexed, the most specific term available in *MeSH* is used. Thus, if an article is concerned with erythromycin, it would be indexed under that term, rather than the broader ANTIBIOTICS. Under the latter term, one would find only: (a) articles dealing with antibiotics generally, (b) those that deal in a very general way with a large number of named antibiotics, or (c) those that deal with specific antibiotics which have not been separately listed in *MeSH*.

The physician who is interested in one concept may find that the broader term is also worth examining for articles of possible interest. Although one may be interested primarily in antifungal antibiotics, articles on the general subject of antifungal agents may be useful.

The physician who wants articles on some aspect of the use of antibiotics in pediatric practice would certainly want not only general articles that would appear under ANTIBIOTICS, but also those concerned with specific antibiotics.

Monthly issues of *Abridged Index Medicus* are arranged in two sections: Subject Section and Author Section.

Subject Section

Each article cited in *AIM* will be found under several subject headings, which represent the central concepts of the article. The citation appears in full under each subject heading. Each citation contains the following elements, in order: title of article; first author (if more than one) or sole author; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> Long-term evaluation of chlorambucil plus prednisone in the idiopathic nephrotic syndrome of childhood. Williams SA, et al. **N Engl J Med** 1980 Apr 24;302(17):929-33

The above citation appears under three subject headings:

CHLORAMBUCIL
NEPHROTIC SYNDROME
PREDNISONE

In the citations, under each of the subject headings, only the first author's name appears. For names of other authors, refer to the Author Section.

Journal titles are abbreviated; the full title may be found by reference to the abbreviation listing on the next page.

Author Section

References in the Author Section cite all authors' names; title of article; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> **Williams SA, Makker SP, Ingelfinger JR, Grupe WE.** Long-term evaluation of chlorambucil plus prednisone in the idiopathic nephrotic syndrome of childhood. N Engl J Med 1980 Apr **24;302(17):929-33**

Complete citations are printed only under the first author's name; other authors' names are cross-referenced to the first author's name.

Users of *Abridged Index Medicus* are invited to send comments and suggestions to:

Clifford A. Bachrach, M.D.
Editor, *Index Medicus*
National Library of Medicine
Bethesda, Maryland 20209

LIST OF JOURNALS INDEXED

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AJR

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ABRIDGED INDEX MEDICUS

SUBJECT SECTION

ABATTOIRS

Cancer mortality among butchers and slaughterhouse workers [letter] Johnson ES, et al. **Lancet** 1982 Apr 17;1(8277):913-4

ABBREVIATIONS

Acronyms and initialisms [editorial] Ransom J. **JAMA** 1981 Oct 23-30;246(17):1941

ABDOMEN

Bedside drainage of abscesses with sonographic guidance in the desperately ill. Crass JR, et al. **AJR** 1982 Jul;139(1):183-5

Percutaneous transluminal angioplasty in the treatment of abdominal angina. Golden DA, et al. **AJR** 1982 Aug;139(2):247-9

Correlative imaging conference: Hospital of the University of Pennsylvania. Abdominal pain and blood loss. Kressel HY, et al. **AJR** 1981 Oct;137(4):769-75

Percutaneous drainage of postoperative intraabdominal abscesses. Martin EC, et al. **AJR** 1982 Jan;138(1):13-5

Ultrasound screening for abdominal masses in the neonatal period. Wilson DA. **Am J Dis Child** 1982 Feb;136(2):147-51

Prognosis of acute nonspecific abdominal pain. A prospective study. Jess P, et al. **Am J Surg** 1982 Sep;144(3):338-40

Role of ultrasonography, gallium scanning, and computed tomography in the diagnosis of intraabdominal abscess. Moir C, et al. **Am J Surg** 1982 May;143(5):582-5

Treatment of abdominal abscesses: comparative evaluation of operative drainage versus percutaneous catheter drainage guided by computed tomography or ultrasound. Johnson WC, et al. **Ann Surg** 1981 Oct;194(4):510-20

Generalized peritonitis. To irrigate or not to irrigate the abdominal cavity. Hunt JL. **Arch Surg** 1982 Feb;117(2):209-12

Laparoscopy in general surgery. Lewis A, et al. **Br J Surg** 1981 Nov;68(11):778-80

Acute intermittent porphyria: a non-surgical cause of abdominal pain. Pattison CW, et al. **Br J Surg** 1982 Sep;69(9):553

Is epigastric tenderness a sign of peptic ulcer disease? Priebe WM, et al. **Gastroenterology** 1982 Jan;82(1):16-9

Severe epigastric pain in a depressed woman. Dworken HJ, et al. **Hosp Pract** 1982 Feb;17(2):18, 24

Abdominal pain, nausea in a chronic alcoholic. Gorelick F. **Hosp Pract** 1982 Aug;17(8):59-60

Chronic abdominal pain caused by sorbitol malabsorption. Hyams JS. **J Pediatr** 1982 May;100(5):772-3

Lactose malabsorption in recurrent abdominal pain of childhood. Wald A, et al. **J Pediatr** 1982 Jan;100(1):65-8

Abdominoscrotal hydrocele: youngest case report and review of the literature. Brothers LR 3d, et al. **J Urol** 1981 Dec;126(6):847-8

Computed tomography in the diagnosis of abdominal hemorrhage. Alexander ES, et al. **JAMA** 1982 Sep 3;248(9):1104-7

Abdominal binding during cardiopulmonary resuscitation [letter] Bucur I. **JAMA** 1982 Aug 20;248(7):827

Images and reflections [editorial] Clayman CB. **JAMA** 1981 Dec 11;246(23):2727

Abdominal pain resembling acute appendicitis in Rocky Mountain spotted fever. Davis AE Jr, et al. **JAMA** 1982 May 28;247(20):2811-2

Intra-abdominal abscess. Radiological diagnosis and treatment. Ferrucci JT Jr, et al. **JAMA** 1981 Dec 11;246(23):2728-33

Diagnosis of intra-abdominal abscess [letter] Giberson AG. **JAMA** 1982 Jul 2;248(1):32

Abdominal binding during CPR [letter] Lerman S. **JAMA** 1982 Feb 12;247(6):752

Intra-abdominal migration of an antireflux prosthesis. A cause of bizarre pain. Peloso OA. **JAMA** 1982 Jul 16;248(3):351-3

Percutaneous radiographically guided catheter drainage of abdominal abscesses. vanSonnenberg E, et al. **JAMA** 1982 Jan 8;247(2):190-2

Percutaneous drainage of the abdominal abscess [editorial] **Lancet** 1982 Apr 17;1(8277):889-90

Diagnosis of chronic pancreatitis [letter] **Lancet** 1982 Mar 27;1(8274):719-20

Abdominal angina and neurofibromatosis. Cameron AJ, et al. **Mayo Clin Proc** 1982 Feb;57(2):125-8

Percutaneous catheter drainage of abdominal abscess [letter] **N Engl J Med** 1982 Jan 14;306(2):106-8

Ultrasonic examination of the abdomen. Katerndahl DA. **Postgrad Med** 1982 Mar;71(3):227-31, 234-7

Contribution of mesenteric fat to unsatisfactory abdominal and pelvic ultrasonography. Bree RL, et al. **Radiology** 1981 Sep;140(3):773-6

Computed tomography and ultrasonography of the abdomen in congenital generalized lipodystrophy. Smevik B, et al. **Radiology** 1982 Mar;142(3):687-9

Ovarian remnant syndrome. Nelson DC, et al. **South Med J** 1982 Jun;75(6):757-8

Diagnosis and treatment of intra-abdominal abscess in critically ill patients. Snyder SK, et al. **Surg Clin North Am** 1982 Apr;62(2):229-39

Metronidazole and tobramycin in intra-abdominal sepsis. Smith JA, et al. **Surg Gynecol Obstet** 1982 Aug;155(2):235-7

ABNORMALITIES

Fetal anomalies involving the thorax and abdomen. Knochel JQ, et al. **Radiol Clin North Am** 1982 Jun;20(2):297-310 (63 ref.)

ANATOMY & HISTOLOGY

Thoracic gas volume and chest-abdomen dimensions during anesthesia and muscle paralysis. Hedenstierna G, et al. **Anesthesiology** 1981 Nov;55(5):499-506

BLOOD SUPPLY

Intra-abdominal hemorrhage from ruptured varices. Fox L, et al. **Arch Surg** 1982 Jul;117(7):953-6

Major abdominal vascular trauma--a unified approach. Kashuk JL, et al. **J Trauma** 1982 Aug;22(8):672-9

Computed tomographic manifestations of abdominal and pelvic venous collaterals. Pagani JJ, et al. **Radiology** 1982 Feb;142(2):415-9

EMBRYOLOGY

Fetal abdominal circumference as a predictor of menstrual age. Hadlock FP, et al. **AJR** 1982 Aug;139(2):367-70

Ultrasound-directed percutaneous tapping of distended fetal abdomen. Settatree RS, et al. **Br J Obstet Gynaecol** 1982 Feb;89(2):173

INNERVATION

Iliohypogastric nerve injury. Grosz CR. **Am J Surg** 1981 Nov;142(5):628

PATHOLOGY

Meralgia paresthetica and large abdomens [letter] Deal CL, et al. **Ann Intern Med** 1982 Jun;96(6 Pt 1):787-8

PHYSIOLOGY

Fetal respiratory movements: a nomogram for fetal thoracic and abdominal respiratory movements. Neldam S. **Am J Obstet Gynecol** 1982 Apr 1;142(7):867-9

The effect of respiratory distress syndrome on chest wall movements and respiratory pauses in preterm infants. Carlo WA, et al. **Am Rev Respir Dis** 1982 Jul;126(1):103-7

Relationship of rib cage and abdomen motion to diaphragm function during quiet breathing. Gilbert R, et al. **Chest** 1981 Nov;80(5):607-12

PHYSIOPATHOLOGY

Chest wall and abdominal motion during exercise in patients with chronic obstructive pulmonary disease. Delgado HR, et al. **Am Rev Respir Dis** 1982 Aug;126(2):200-5

RADIOGRAPHY

CT screening of the abdomen in von Hippel-Lindau disease. Levine E, et al. **AJR** 1982 Sep;139(3):505-10

Pediatric abdominal angiography: panacea or passé? Moore AV, et al. **AJR** 1982 Mar;138(3):433-43 (60 ref.)

Assessment of abdominal fat content by computed tomography. Borkan GA, et al. **Am J Clin Nutr** 1982 Jul;36(1):172-7

Evaluation of plain abdominal radiographs in the diagnosis of abdominal pain. Eisenberg RL, et al. **Ann Intern Med** 1982 Aug;97(2):257-61

Gas in the hepatic portal venous system. A diagnostic clue to an occult intra-abdominal abscess. Bach MC, et al. **Arch Intern Med** 1982 Sep;142(9):1725-6

Role of antenatal radiography in the management of breech deliveries. Ridley WJ, et al. **Br J Obstet Gynaecol** 1982 May;89(5):342-7

The role of abdominal computed tomography in lymphoma following treatment. Blackledge G, et al. **Br J Radiol** 1981 Nov;54(647):955-60

Pleuropericardial effusions associated with chest and abdominal pain. Strimlan CV, et al. **Chest** 1982 Apr;81(4):493-4

Upper abdominal CT scanning in staging non-oat-cell lung carcinoma [letter] Chapman GS, et al. **N Engl J Med** 1982 Jul 15;307(3):189

Role of abdominal computed tomography in evaluating left upper quadrant masses. Amis ES Jr, et al. **Postgrad Med** 1982 Jul;72(1):131-6

Computed tomography of abdominal abscesses in children. Afshani E. **Radiol Clin North Am** 1981 Sep;19(3):515-26 (36 ref.)

Diagnostic imaging of pediatric abdominal masses: an overview. Kirks DR, et al. **Radiol Clin North Am** 1981 Sep;19(3):527-45 (33 ref.)

Computed tomographic evaluation of intra-abdominal abscesses in immunocompromised hosts. Shin MS, et al. **South Med J** 1981 Oct;74(10):1277-9

RADIONUCLIDE IMAGING

Specific but limited role of new imaging techniques in decision-making about intraabdominal abscesses. Wright HK, et al. **Am J Surg** 1982 Apr;143(4):456-9

SURGERY

A new technique for closing abdominal incisions in patients with poor wound healing. Boissel P, et al. **Am J Surg** 1982 Mar;143(3):380-1

Intermittent pneumatic calf compression for prevention of deep venous thrombosis in general abdominal surgery. Butson AR. **Am J Surg** 1981 Oct;142(4):525-7

Intraabdominal abscess in Crohn's (ileo) colitis. Greenstein AJ, et al. **Am J Surg** 1982 Jun;143(6):727-30

Abdominal sacral resection of locally recurrent rectal cancer. Wanebo HJ, et al. **Ann Surg** 1981 Oct;194(4):458-71

Critical importance of early diagnosis and treatment of intra-abdominal infection. Pitcher WD, et al. **Arch Surg** 1982 Mar;117(3):328-33

Single-dose intraoperative antibiotic prophylaxis in emergency abdominal surgery. Rowlands BJ, et al. **Arch Surg** 1982 Feb;117(2):195-9

Peripheral nerve injuries resulting from common surgical procedures in the lower portion of the abdomen. Stulz P, et al. **Arch Surg** 1982 Mar;117(3):324-7

The efficacy of peritoneal lavage at elective abdominal operations. Ambrose NS, et al. **Br J Surg** 1982 Mar;69(3):143-4

Fatigue and cardiorespiratory function following abdominal surgery. Christensen T, et al. **Br J Surg** 1982 Jul;69(7):417-9

Does the type of suture material contribute to the strength of the lateral paramedian incision? Donaldson DR, et al. **Br J Surg** 1982 Mar;69(3):163-5

The causes and prevention of intestinal adhesions. Ellis H. **Br J Surg** 1982 May;69(5):241-3 (34 ref.)

Diagnostic features of early high post-laparotomy fever: a prospective study of 100 patients. Le Gall JR, et al. **Br J Surg** 1982 Aug;69(8):452-5

Continuous propranolol infusion following abdominal surgery. Smulyan H, et al. **JAMA** 1982 May 14;247(18):2539-42

Nerve entrapment after abdominal surgery [editorial] **Lancet** 1982 Jul 17;2(8290):139

Double-blind controlled trial of indomethacin as an adjunct to narcotic analgesia after major abdominal surgery. Reasbeck PG, et al. **Lancet** 1982 Jul 17;2(8290):115-8

Abdominoplasty combined with other surgical procedures. Savage RC. **Plast Reconstr Surg** 1982 Oct;70(4):437-43

Reconstructive surgery after jejunoileal bypass or gastric partition operations. Bingham HG. **South Med J** 1982 May;75(5):519-21

Primary abdominal wound closure with permanent, continuous running monofilament sutures. Archie JP Jr, et al. **Surg Gynecol Obstet** 1981 Nov;153(5):721-2

Mobile exposure for operations upon the abdomen. Howell LM. **Surg Gynecol Obstet** 1982 Feb;154(2):255-6

Experience with continuous absorbable suture in the closure of abdominal incisions. Wasiljew BK, et al. **Surg Gynecol Obstet** 1982 Mar;154(3):378–80

Relationship of duration of postoperative ileus to extent and site of operative dissection. Graber JN, et al. **Surgery** 1982 Jul;92(1):87–92

ABDOMEN, ACUTE

A clinical skills instruction program: the acute abdomen. Laube DW, et al. **J Med Educ** 1982 Sep;57(9):726–8

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Effect of multidose cardioplegia and cardioplegic solution buffering on myocardial tissue acidosis. Tait GA, et al. **J Thorac Cardiovasc Surg** 1982 Jun;83(6):824-9

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ACIDOSIS, DIABETIC

BLOOD

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Diabetic ketoacidosis in childhood. Zack BG. **Am Fam Physician** 1982 Jul;26(1):107–13

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Crystalloid infusions in diabetic ketoacidosis [editorial] **Lancet** 1982 Aug 7;2(8293):308–9

ACIDOSIS, RENAL TUBULAR

CHEMICALLY INDUCED

Anticonvulsant-induced rickets associated with renal tubular acidosis and normal level of serum 1,25-dihydroxyvitamin D. Ishitsu T, et al. **Am J Dis Child** 1981 Dec;135(12):1140–2

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The use of arginine hydrochloride infusion to assess urinary acidification. Loney LC, et al. **J Pediatr** 1982 Jan; 100(1):95–8

DIET THERAPY

Severe hypertension, hyperkalemia, and renal tubular acidosis responding to dietary sodium restriction. Sanjad SA, et al. **Pediatrics** 1982 Mar;69(3):317–24

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Hyperkalemic hyperchloremic metabolic acidosis in sickle cell hemoglobinopathies. Batlle D, et al. **Am J Med** 1982 Feb;72(2):188–92

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Ammonium handling by superficial and juxtamedullary nephrons in the rat. Evidence for an ammonia shunt between the loop of Henle and the collecting duct. Buerkert J, et al. **J Clin Invest** 1982 Jul;70(1):1–12

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ETIOLOGY

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Effect of acute hypoxemia and respiratory acidosis on the fetal heart rate in monkeys. Ikenoue T, et al. **Am J Obstet Gynecol** 1981 Dec 1;141(7):797–806

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COMPLICATIONS

Acneform eruption in Apert's syndrome. Acrocephalosyndactyly. Steffen C. **Arch Dermatol** 1982 Mar;118(3):206–8

DRUG THERAPY

Isotretinoin in the treatment of acne: histologic changes, sebum production, and clinical observations. Goldstein JA, et al. **Arch Dermatol** 1982 Aug;118(8):555–8

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Prevention of aconitine-induced neurogenic pulmonary edema (NPE) with hypovolemia or methylprednisolone. Minnear FL, et al. **J Trauma** 1982 Feb;22(2):121–8

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Modified schema for classifying positive-pressure tympanograms. Smith CG, et al. **Pediatrics** 1982 Mar; 69(3):351–4

ACOUSTIC NERVE

PHYSIOLOGY

Reversible evoked potential changes with retraction of the eighth cranial nerve. Grundy BL, et al. **Anesth Analg (Cleve)** 1981 Nov;60(11):835–8

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ACOUSTIC NERVE DISEASES

CHEMICALLY INDUCED

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ETIOLOGY

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Auditory hallucinations treated by radio headphones. Feder R. **Am J Psychiatry** 1982 Sep;139(9):1188–90

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INSTRUMENTATION

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ACROCEPHALOSYNDACTYLIA

COMPLICATIONS

Acneform eruption in Apert's syndrome. Acrocephalosyndactyly. Steffen C. **Arch Dermatol** 1982 Mar;118(3):206–8

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Cranial base deformity in Apert's syndrome. Ousterhout DK, et al. **Plast Reconstr Surg** 1982 Feb;69(2):254–63

ACRODERMATITIS

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Gianotti–Crosti syndrome (papular acrodermatitis of childhood). Fiocchi A, et al. **Am J Dis Child** 1982 Feb; 136(2):161–2

Acrodermatitis in breast-fed premature infants: evidence for a defect of mammary zinc secretion. Zimmerman AW, et al. **Pediatrics** 1982 Feb;69(2):176–83

DRUG THERAPY

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ANALOGS & DERIVATIVES

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ADENOSINE CYCLIC MONOPHOSPHATE

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PHARMACODYNAMICS

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ADENOSINE MONOPHOSPHATE

BIOSYNTHESIS

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ADENOSINE TRIPHOSPHATASE

ANTAGONISTS & INHIBITORS

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BIOSYNTHESIS

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ADENOSINE TRIPHOSPHATASE, CALCIUM

BLOOD

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ADENOSINE TRIPHOSPHATASE, SODIUM, POTASSIUM

ANTAGONISTS & INHIBITORS

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Effect of sucrose overfeeding on Na,K-ATPase-mediated 86Rb uptake in normal and ob/ob mice. Flier JS, et al. **Diabetes** 1981 Nov;30(11):975-8

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ADENOSINE TRIPHOSPHATE

ANALYSIS

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METABOLISM

Depressed high-energy phosphate content in hypertrophied ventricles of animal and man: the biologic basis for increased sensitivity to ischemic injury. Peyton RB, et al. **Ann Surg** 1982 Sep;196(3):278-84

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Hypotensive effects of adenosine and adenosine triphosphate compared with sodium nitroprusside. Fukunaga AF, et al. **Anesth Analg (Cleve)** 1982 Mar;61(3):273-8

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Treatment of paroxysmal supraventricular tachycardia in infancy with digitalis, adenosine-5'-triphosphate, and verapamil: a comparative study. Greco R, et al. **Circulation** 1982 Sep;66(3):504-8

S-ADENOSYLMETHIONINE

BLOOD

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ISOLATION & PURIFICATION

Lobar pneumonia associated with adenovirus type 7. Leers WD, et al. **Can Med Assoc J** 1981 Nov 1;125(9):1003–4

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COMPLICATIONS

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ADENYL CYCLASE

ANTAGONISTS & INHIBITORS

D-2 dopamine receptor-mediated inhibition of adenylate cyclase activity in the intermediate lobe of the rat pituitary gland requires guanosine 5'-triphosphate. Cote TE, et al. **Endocrinology** 1982 Mar;110(3):812–9

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Magnesium promotes both parathyroid hormone secretion and adenosine 3',5'-monophosphate production in rat parathyroid tissues and reverses the inhibitory effects of calcium on adenylate cyclase. Mahaffee DD, et al. **Endocrinology** 1982 Feb;110(2):487–95

Inhibition of the thyroid adenylate cyclase response to thyroid-stimulating immunoglobulin G by crude and asialo-human chorionic gonadotropin. Uchimura H, et al. **J Clin Endocrinol Metab** 1982 Aug;55(2):347–53

BLOOD

Deficient activity of receptor-cyclase coupling protein is transformed lymphoblasts of patients with pseudohypoparathyroidism, type I. Farfel Z, et al. **J Clin Endocrinol Metab** 1982 Jul;55(1):113–7

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Effects of prostaglandins on adenosine 3',5'-monophosphate content and adenylate cyclase activity in dispersed bovine parathyroid cells. Gardner DG, et al. **Endocrinology** 1981 Nov;109(5):1545–51

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Regulation of thyroid adenylate cyclase: guanyl nucleotide modulation of thyrotropin receptor-adenylate cyclase function. Saltiel AR, et al **Endocrinology** 1981 Nov;109(5):1578–89

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Coupling defect of thyrotropin receptor and adenylate cyclase in a pseudohypoparathyroid patient. Mallet E, et al. **J Clin Endocrinol Metab** 1982 May;54(5):1028–32

3,3',5-triiodothyronine administration in vivo modulates the hormone-sensitive adenylate cyclase system of rat hepatocytes. Malbon CC, et al. **J Clin Invest** 1982 Feb;69(2):414–26

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AMINO ACIDS, BRANCHED-CHAIN

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Placental clearance rate of maternal plasma androstenedione through placental estradiol formation: an indirect method of assessing uteroplacental blood flow. Edman CD, et al. **Am J Obstet Gynecol** 1981 Dec 15;141(8):1029-37

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ANEMIA, APLASTIC

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Fanconi's anemia. Tumor-like warts, hyperpigmentation associated with deranged keratinocytes, and depressed cell-mediated immunity. Johansson E, et al. **Arch Dermatol** 1982 Apr;118(4):249-52

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CONGENITAL

Lymphocyte dysfunction in congenital hypoplastic anemia. Finlay JL, et al. **J Clin Invest** 1982 Sep;70(3):619-26

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Reversible pure red cell hypoplasia in pregnancy. Lehman G, et al. **JAMA** 1982 Feb 26;247(8):1170-1

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Long-term follow-up in patients with aplastic anemia. A study of 137 androgen-treated patients surviving more than two years. Joint Group for the Study of Aplastic and Refractory Anemias. Najean Y. **Am J Med** 1981 Oct;71(4):543-51

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Glucose intolerance and insulin resistance in aplastic anemia treated with oxymetholone. Woodard TL, et al. **J Clin Endocrinol Metab** 1981 Nov;53(5):905-8

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FAMILIAL & GENETIC

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ANEMIA, HEMOLYTIC

BLOOD

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A molecular defect in two families with hemolytic poikilocytic anemia: reduction of high affinity membrane binding sites for ankyrin. Agre P, et al. **J Clin Invest** 1981 Dec;68(6):1566-76

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Massive intravascular haemolysis during treatment of nomifensine [letter] Lylloff K, et al. **Lancet** 1982 Jul 3;2(8288):41

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Multiform quinidine toxicity. Tiliakos N, et al. **South Med J** 1981 Oct;74(10):1267-8

COMPLICATIONS

Evans' syndrome with splenic periarterial fibrosis but no serologic evidence of systemic lupus erythematosus. Kabbash LG, et al. **Can Med Assoc J** 1981 Dec 1;125(11):1253-4

DIAGNOSIS

Syndrome of hemolysis, elevated liver enzymes, and low platelet count: a severe consequence of hypertension in pregnancy. Weinstein L. **Am J Obstet Gynecol** 1982 Jan 15;142(2):159-67

ETIOLOGY

Hemolytic anemia associated with leptospirosis. Morphologic and lipid studies. Trowbridge AA, et al. **Am J Clin Pathol** 1981 Oct;76(4):493-8

Microangiopathic hemolytic anemia, thrombocytopenia, and renal failure in patients treated for adenocarcinoma. Kressel BR, et al. **Cancer** 1981 Oct 15;48(8):1738-45

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Severe hemolytic anemia in black children with glucose-6-phosphate dehydrogenase deficiency. Shannon K, et al. **Pediatrics** 1982 Sep;70(3):364-9

Microangiopathic hemolytic anemia with metastatic adenocarcinoma: response to chemotherapy. Horne MK 3d, et al. **South Med J** 1982 Apr;75(4):503-4

ANEMIA, HEMOLYTIC, AUTOIMMUNE

CHEMICALLY INDUCED

Immune hemolytic anemia and renal failure due to teniposide. Habibi B, et al. **N Engl J Med** 1982 May 6;306(18):1091-3

COMPLICATIONS

The occurrence of an auto-immune hemolytic anemia with anti-U specificity in a patient with myelodysplastic syndrome. Sacher RA, et al. **Am J Clin Pathol** 1982 Mar;77(3):356-9

Myocardial protection with cold cardioplegia in a patient with cold autoagglutinins and hemolysins. Berreklouw E, et al. **Ann Thorac Surg** 1982 May;33(5):521-2

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DIAGNOSIS

Autoimmune hemolytic anemia in children. Bikowski RM, et al. **Am Fam Physician** 1982 Aug;26(2):131–4

DRUG THERAPY

Vinblastine for autoimmune hemolytic anemia [letter] Medellin PL, et al. **Ann Intern Med** 1982 Jan;96(1):123

ETIOLOGY

Cyclic autoimmune hemolytic anemia as a presenting manifestation of splenic Hodgkin's disease. Björkholm M, et al. **Cancer** 1982 Apr 15;49(8):1702–4

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IMMUNOLOGY

B-cell neoplasms with homogeneous cold-reacting antibodies (cold agglutinins). Crisp D, et al. **Am J Med** 1982 Jun; 72(6):915–22

Anti-SS-B antibodies in immune hemolytic anemia [letter] Clotet B, et al. **Arthritis Rheum** 1982 Apr;25(4):473–4

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METABOLISM

Bone marrow hemosiderin does not always reflect body iron stores. Engel JP, et al. **Arch Intern Med** 1982 Feb; 142(2):287–8

PATHOLOGY

Autoimmune hemolytic anemia with reticulocytopenia and erythroid marrow. Conley CL, et al. **N Engl J Med** 1982 Feb 4;306(5):281–6

THERAPY

Specific immunoadsorption of IgG antibody in a patient with chronic lymphocytic leukemia and autoimmune hemolytic anemia. A new form of therapy for the acute critical stage. Besa EC, et al. **Am J Med** 1981 Dec;71(6):1035–40

ANEMIA, HEMOLYTIC, CONGENITAL

COMPLICATIONS

Use of subcutaneous deferoxamine in a child with hemochromatosis associated with congenital dyserythropoietic anemia, type I. Smithson WA, et al. **Mayo Clin Proc** 1982 May;57(5):322–5

ETIOLOGY

Severe-glucose-6-phosphate dehydrogenase (G6PD) deficiency associated with chronic hemolytic anemia, granulocyte dysfunction, and increased susceptibility to infections: description of a new molecular variant (G6PD Barcelona). Vives Corrons JL, et al. **Blood** 1982 Feb; 59(2):428–34

METABOLISM

Normal serum ferritin levels in a patient with HEMPAS syndrome and iron overload. Faruqui S, et al. **Am J Clin Pathol** 1982 Jul;78(1):97–101

ANEMIA, HYPOCHROMIC

CHEMICALLY INDUCED

Hypocupremia-related hypochromic anemia during D-penicillamine treatment [letter] Cutolo M, et al. **Arthritis Rheum** 1982 Jan;25(1):119–20

COMPLICATIONS

Dx: sickle cell anemia with iron deficiency Rx: withhold iron!!?? Nalbandian RM. **JAMA** 1982 Mar 12; 247(10):1462–4

Sickle cell anemia and iron deficiency. Resemblance to sickle thalassemia. Natta C, et al. **JAMA** 1982 Mar 12; 247(10):1442–3

DIAGNOSIS

The diagnosis of iron deficiency anemia in sickle cell disease. Vichinsky E, et al. **Blood** 1981 Nov;58(5):963–8

DRUG THERAPY

Iron deficiency in children: the relationship between pretreatment laboratory tests and subsequent hemoglobin response to iron therapy. Margolis HS, et al. **Am J Clin Nutr** 1981 Oct;34(10):2158–68

Simple assay for urinary iron after desferrioxamine therapy. Pippard MJ, et al. **Am J Clin Pathol** 1982 Mar;77(3):324–7

Effect of total dose infusion of iron dextran on the storage iron content of the human placenta. Bauminger BB, et al. **J Clin Pathol** 1982 May;35(5):502–6

The effects of short-term oral iron therapy on developmental deficits in iron-deficient anemic infants. Lozoff B, et al. **J Pediatr** 1982 Mar;100(3):351–7

ENZYMOLOGY

Disaccharidase values in iron-deficient infants. Lanzkowsky P, et al. **J Pediatr** 1981 Oct;99(4):605–8

ETIOLOGY

Mechanisms of anemia in protein-energy malnutrition in Johannesburg. Macdougall LG, et al. **Am J Clin Nutr** 1982 Feb;35(2):229–35

Clay ingestion and iron deficiency anemia [letter] Crosby WH. **Ann Intern Med** 1982 Sep;97(3):456

Overt iron deficiency in sickle cell disease. Haddy TB, et al. **Arch Intern Med** 1982 Sep;142(9):1621–4

Angina and anemia with marked valvular stenosis. Dworken HJ, et al. **Hosp Pract** 1982 Jun;17(6):154

IMMUNOLOGY

Effects of iron deficiency anemia on delayed cutaneous hypersensitivity in mice. Kuvibidila SR, et al. **Am J Clin Nutr** 1981 Dec;34(12):2635–40

Immune function in pure iron deficiency. Krantman HJ, et al. **Am J Dis Child** 1982 Sep;136(9):840–4

METABOLISM

Components of fiber impair iron absorption in the dog. Fernandez R, et al. **Am J Clin Nutr** 1982 Jan;35(1):107–12

OCCURRENCE

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CARCINOMA, PAPILLARY

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ANALYSIS

Corticotropin-releasing factor-like activity in human placental extracts. Shibasaki T, et al. **J Clin Endocrinol Metab** 1982 Aug;55(2):384-6

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BLOOD

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THERAPEUTIC USE

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HYDROXYCORTICOSTEROIDS

PHARMACODYNAMICS

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HYDROXYDOPAMINES

ANTAGONISTS & INHIBITORS

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HYDROXYLASES

DEFICIENCY

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HYDROXYMETHYLGLUTARYL COA REDUCTASES

ANALYSIS

Synthesis of cholesterol in the human fetus: 3-hydroxy-3-methylglutaryl coenzyme A reductase activity of liver microsomes. Carr BR, et al. **J Clin Endocrinol Metab** 1981 Oct;53(4):810–2

ANTAGONISTS & INHIBITORS

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METABOLISM

Role of lipoproteins and 3-hydroxy-3-methylglutaryl coenzyme A reductase in progesterone production by cultured bovine granulosa cells. Savion N, et al. **Endocrinology** 1982 Jan;110(1):13–22

HYDROXYPREGNENOLONE

ANALOGS & DERIVATIVES

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Sources of 17 alpha-hydroxypregnenolone and its sulfate in human pregnancy. Belisle S, et al. **J Clin Endocrinol Metab** 1978 May;46(5):721–8

HYDROXYPROGESTERONES

BLOOD

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HYDROXYPROLINE

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Myocardial hydroxyproline reduced by early administration of methylprednisolone or ibuprofen to rabbits with radiation-induced heart disease. Reeves WC, et al. **Circulation** 1982 May;65(5):924–7

METABOLISM

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HYDROXYSTEROID DEHYDROGENASES

METABOLISM

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3-HYDROXYSTEROID DEHYDROGENASES

BIOSYNTHESIS

Mechanism of induction of delta 5-3 beta-hydroxysteroid dehydrogenase-isomerase activity in rat adrenocortical cells by corticotropin. Rybak SM, et al. **Endocrinology** 1982 Aug;111(2):427–33

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The effect of insulin and luteinizing hormone treatment on serum concentrations of testosterone and dihydrotestosterone and testicular 3 beta-hydroxysteroid dehydrogenase activity in intact and hypophysectomized diabetic rats. Blanco FL, et al. **Endocrinology** 1981 Oct;109(4):1248–53

Regulation of ovarian 3 beta-hydroxysteroid dehydrogenase activity by gonadotropin-releasing hormone and follicle-stimulating hormone in cultured rat granulosa cells. Jones PB, et al. **Endocrinology** 1982 May;110(5):1663–71

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17-HYDROXYSTEROID DEHYDROGENASES

ANALYSIS

Localization of delta 4-5 beta- and 5 alpha-reductases and 17 beta-ol-dehydrogenase in immature golden hamster testes. Furubayashi Y, et al. **Endocrinology** 1982 Jul;111(1):269–72

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Differential steroidogenic enzyme activities in different populations of rat Leydig cells. O'Shaughnessy PJ, et al. **Endocrinology** 1981 Oct;109(4):1061–6

Estradiol 17 beta-hydroxysteroid dehydrogenase activity in human breast fibroadenomas. Fournier S, et al. **J Clin Endocrinol Metab** 1982 Sep;55(3):428–33

20-HYDROXYSTEROID DEHYDROGENASES

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Distribution of progesterone receptor, estradiol dehydrogenase, and 20 alpha-dihydroprogesterone dehydrogenase activities in human endometrial glands and stroma: progestin induction of steroid dehydrogenase activities in vitro is restricted to the glandular epithelium. Satyaswaroop PG, et al. **Endocrinology** 1982 Sep;111(3):743–9

METABOLISM

Regulation of progesterone-metabolizing enzyme by adrenergic agents, prolactin, and prostaglandins in cultured rat ovarian granulosa cells. Jones PB, et al. **Endocrinology** 1981 Nov;109(5):1347–54

HYDROXYTRYPTOPHAN

ANTAGONISTS & INHIBITORS

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PHARMACODYNAMICS

Effect of 5-hydroxytryptophan on electrocortical activity and breathing movements of fetal sheep. Quilligan EJ, et al. **Am J Obstet Gynecol** 1981 Oct 1;141(3):271–5

HYDROXYZINE

PHARMACODYNAMICS

Antiemetic effectiveness of intramuscular hydroxyzine compared with intramuscular droperidol. McKenzie R, et al. **Anesth Analg (Cleve)** 1981 Nov;60(11):783–8

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HYMEN

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Pregnancy success following surgical correction of imperforate hymen and complete transverse vaginal septum. Rock JA, et al. **Obstet Gynecol** 1982 Apr;59(4):448-51

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DIAGNOSIS

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BLOOD

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FAMILIAL & GENETIC

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THERAPY

Partial ileal bypass for hypercholesterolaemia [letter] Schwartz MZ. **Lancet** 1982 Jan 9;1(8263):110

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HYPERCHOLESTEROLEMIA, FAMILIAL

BLOOD

Changes in plasma lipid and lipoprotein fractions after alteration in dietary cholesterol, polyunsaturated, saturated, and total fat in free-living normal and hypercholesterolemic children. Stein EA, et al. **Am J Clin Nutr** 1982 Jun;35(6):1375-90

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COMPLICATIONS

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Effects and side-effects of partial ileal by-pass surgery for familial hypercholesterolaemia. Faergeman O, et al. **Gut** 1982 Jul;23(7):558-63

THERAPY

Protection of myocardium by the compensatory mechanism of coronary collaterals after total occlusion of major coronary arteries shown in patients with familial hypercholesterolemia. Kuo PT, et al. **Am Heart J** 1982 Jul;104(1):36-43

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Application of specific extracorporeal removal of low density lipoprotein in familial hypercholesterolaemia. Stoffel W, et al. **Lancet** 1981 Nov 7;2(8254):1005-7

HYPEREMESIS GRAVIDARUM

BLOOD

Thyroid function in patients with hyperemesis gravidarum. Bouillon R, et al. **Am J Obstet Gynecol** 1982 Aug 15;143(8):922-6

DIET THERAPY

Hyperemesis gravidarum: an approach to the nutritional aspects of care. Schulman PK. **J Am Diet Assoc** 1982 Jun;

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THERAPY

A severe case of hyperemesis gravidarum. Chatwani A, et al. **Am J Obstet Gynecol** 1982 Aug 15;143(8):964-5

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CHEMICALLY INDUCED

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HYPERGAMMAGLOBULINEMIA

Changes in serum anion gap and sodium level in monoclonal gammopathies. Nanji AA, et al. **Can Med Assoc J** 1982 Jul 1;127(1):32-5

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Gaucher's disease: a disease with chronic stimulation of the immune system. Shoenfeld Y, et al. **Arch Pathol Lab Med** 1982 Aug;106(8):388-91

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Monoclonal gammopathies in the adult population of Finistère, France. Saleun JP, et al. **J Clin Pathol** 1982 Jan; 35(1):63-8

PATHOLOGY

Nodular mixed cell lymphoma with monoclonal gammopathy. Bain GO, et al. **Am J Clin Pathol** 1981 Dec; 76(6):832-7

Ploidy and proliferative characteristics in monoclonal gammopathies. Latreille J, et al. **Blood** 1982 Jan;59(1):43-51

HYPERGLYCEMIA

BLOOD

Effect of differences in source of dietary carbohydrate on plasma glucose and insulin responses to meals in patients with impaired carbohydrate tolerance. Coulston A, et al. **Am J Clin Nutr** 1981 Dec;34(12):2716-20

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CHEMICALLY INDUCED

Rifampicin-induced early phase hyperglycemia in humans. Takasu N, et al. **Am Rev Respir Dis** 1982 Jan;125(1):23-7

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BLOOD

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CHEMICALLY INDUCED

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PHYSIOPATHOLOGY

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COMPLICATIONS

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CHEMICALLY INDUCED

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Abnormalities of sodium and H2O handling in chronic obstructive lung disease. Farber MO, et al. **Arch Intern Med** 1982 Jul;142(7):1326-30

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Inappropriate secretion of antidiuretic hormone: correction of hyponatremia by expansion of intravascular fluid volume. Bear RA, et al. **Can Med Assoc J** 1982 Feb 1;126(3):275-6

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URINE

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HYPOPARATHYROIDISM

BLOOD

Glucagon secretion in patients with hypoparathyroidism: effect of serum calcium on glucagon release. Torella R, et al. **J Clin Endocrinol Metab** 1982 Feb;54(2):229-32

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BLOOD

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HYPOTHALAMIC DISEASES

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Effects of neonatal hyperthyroidism on the development of the hypothalamic-pituitary-thyroid axis in the rat. Dussault JH, et al. **Endocrinology** 1982 Mar;110(3):1037-42

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6-KETOPROSTAGLANDIN F1 ALPHA

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DRUG THERAPY

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METHYLTYROSINES

PHARMACODYNAMICS

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CHEMICALLY INDUCED

Fixed drug eruption from chlorphenesin carbamate [letter] Coskey RJ. **JAMA** 1982 Jul 2;248(1):30-1

CONGENITAL

Involvement of Buck's fascia in congenital torsion of the penis. Corriere JN Jr. **J Urol** 1981 Sep;126(3):410-1

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PENILE INDURATION

ETIOLOGY

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FAMILIAL & GENETIC

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PENILE NEOPLASMS

COMPLICATIONS

Bypass graft for femoral artery involvement by metastatic carcinoma of the penis. Cockburn AG, et al. **J Urol** 1982 Jun;127(6):1191-3

DIAGNOSIS

Concurrent carcinoma of penis and carcinoma-in situ of the cervix in a married couple. Case report. Cocks PS, et al. **Br J Obstet Gynaecol** 1982 May;89(5):408-9

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ETIOLOGY

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PNEUMONIA, LOBAR

COMPLICATIONS

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PNEUMONIA, MYCOPLASMA

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PNEUMONIA, STAPHYLOCOCCAL

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PNEUMONIA, VIRAL

DIAGNOSIS

Lobar pneumonia associated with adenovirus type 7. Leers WD, et al. **Can Med Assoc J** 1981 Nov 1;125(9):1003-4

DRUG THERAPY

Treatment of cytomegalovirus pneumonia with high-dose acyclovir. Wade JC, et al. **Am J Med** 1982 Jul 20;73(1A):249-56

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MORTALITY

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ABRIDGED INDEX MEDICUS

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